

(6)

## SUMMARY

SHOW EQUIVALENT ABSTRACTS

**Articles Cited by Inventor: 0**  
**Articles Cited by Examiner: 0**

JP3246296-A  JP2750767-B2

**New sugar alcohol - prepd. by reacting lactitol with beta-galactosidase, improved proliferation of bacillus bifidus and stimulates bowel movement**

**Patent Assignee Name(s) and Code(s):**  
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**Derwent Primary Accession Number:**  
1991-365840 [50]

Sugar alcohol of formula (I) is new. (Gal-(Gal)-Sor) (I) (where Gal = galactose residue, Sor = sorbitol).

Also new are prepn. of (I) by reacting lactitol or lactitol contg. substance with beta-galactosidase, performing sugar transfer reaction on sorbitol residue in lactitol molecule, and bacillus Bifidus proliferation promoting compsn. and bowel movement stimulating compsn. contg. (I).

Sugar alcohol is O-beta-D-galactopyranosil-(1-4)-(O-beta-D-galactopyranosil-(1-1)- D-sorbitol, O-beta-D-galactopyranosil- (1-4)-(O-beta-D-galactopyranosil-(1-5)-D-sorbitol, or O-beta-D-galactopyranosil-(1-4)-(O-beta-galactopyranosil -(1-6)-D-sorbitol.

**USE/ADVANTAGE** - New sugar alcohol has excellent proliferation improving activity of bacillus Bifidus and bowel movement stimulating activity, increasing the amt. of defecation and softening feces.

A61K-031/70; C07H-015/04; C12N-001/38; C12P-019/18

**B03 (Other heterocyclics)**

B07-A02; B12-J01; D05-C

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JP2750767-B2	13 May 1998		199824	Pages: 4	

**Application Details and Date:**

**JP3246296-A** JP040778 21 Feb 1990  
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**Further Application Details:**

JP2750767-B2 Previous Publ. Patent JP3246296

**Priority Application Information and Date:**

JP040778 21 Feb 1990

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**Patent 2 of 2**

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